

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

Claims 1-43. (cancelled)

44. (previously presented) A method comprising:

- receiving a message in a receiver object from one of a plurality of feed lines;
- attaching timing data from a timing object to the received message, the timing data including a time extracted from the received message, a stamp indicating a receipt time at the receiver object and other data;
- activating a translator object to translate the received message into a market event object;
- assigning the market event object to an entry in a queue object;
- validating the market event object entry; and
- publishing the validated market event object entry in a sender object to a plurality of alert engines.

45. (previously presented) The method of claim 44 in which the other data comprises a message delta obtained by comparing the time extracted from the received message with times of previously received messages from the one of the plurality of feed lines.

46. (previously presented) The method of claim 44 in which assigning further comprises registering a message sequence number in an associated sequence state object, the associated sequence state object recording message order and gap data for the one of the plurality of feed lines.

47. (previously presented) The method of claim 46 in which validating comprises determining whether the market event object entry is valid using the message sequence number and gap data.

48. (previously presented) The method of claim 47 in which validating further comprises discarding duplicate messages.

49. (previously presented) The method of claim 48 in which validating further comprises tracking discarded duplicate messages.

50. (previously presented) The method of claim 44 in which publishing comprises a private network.

51. (previously presented) The method of claim 47 in which publishing further comprises updating the message sequence number.

52. (previously presented) The method of claim 44 in which the market event object comprises:

- a time stamp field;
- a message time field;
- a market session data field;
- a line field;
- a feed field;
- a feed sequence number field;
- a message type field; and
- an original identification field.

53. (currently amended) An apparatus ~~A system~~ comprising:

- a processor; and
- a memory, the memory comprising:

a receiver object for receiving a message form one of a plurality of feed lines;
a timing object for attaching timing data to the received message, the timing data including a time extracted from the received message, a stamp indicating a receipt time at the receiver object and other data;
a translator object to translate the received message into a market event object;
a queue object for receiving the market event object;
a validation object for validating the market event object entry; and
a sender object to send the validated market event object entry to a plurality of alert engines.

54. (currently amended) The apparatus system of claim 52 in which the other data comprises a message delta obtained by comparing the time extracted from the received message with times of previously received messages from the one of the plurality of feed lines.

55. (currently amended) ~~An article comprising a machine readable medium storing instructions operable to cause one or more machines to perform operations comprising~~
A computer program product, tangibly embodied in an information carrier, for line handling, the computer program product being operable to cause data processing apparatus to:

~~receiving~~ receive a message in a receiver object form one of a plurality of feed lines;
~~attaching~~ attach timing data from a timing object to the received message, the timing data including a time extracted from the received message, a stamp indicating a receipt time at the receiver object and other data;
~~activating~~ activate a translator object to translate the received message into a market event object;
~~assigning~~ assign the market event object to an entry in a queue object;
~~validating~~ validate the market event object entry; and
~~publishing~~ publish the validated market event object entry in a sender object to a plurality of alert engines.

56. (currently amended) The ~~article~~ computer program product of claim 55 in which the other data comprises a message delta obtained by comparing the time extracted from the received message with times of previously received messages from the one of the plurality of feed lines.

57. (currently amended) The ~~article~~ computer program product of claim 55 in which assigning further comprises registering a message sequence number in an associated sequence state object, the associated sequence state object recording message order and gap data for the one of the plurality of feed lines.

58. (currently amended) The ~~article~~ computer program product of claim 57 in which validating comprises determining whether the market event object entry is valid using the message sequence number and gap data.

59. (currently amended) The ~~article~~ computer program product of claim 58 in which validating further comprises discarding duplicate messages.

60. (currently amended) The ~~article~~ computer program product of claim 59 in which validating further comprises tracking discarded duplicate messages.

61. (currently amended) The ~~article~~ computer program product of claim 55 in which publishing comprises a private network.

62. (currently amended) The article computer program product of claim 58 in which publishing further comprises updating the message sequence number.

63. (currently amended) The ~~article~~ computer program product of claim 55 in which the market event object comprises:

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Serial No. : 09/346,719
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Page : 6 of 11

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a time stamp field;
a message time field;
a market session data field;
a line field;
a feed field;
a feed sequence number field;
a message type field; and
an original identification field.